

Figure 1

ELISA analysis (average from triplicates):	OD values	
	T52	T25
Histone H4	2 µg/ml	2 µg/ml
8 mono-Ac (SEQ ID NO:4)	683	1367
12 mono-Ac (SEQ ID NO:5)	940	552
16 mono-Ac (SEQ ID NO:6)	101	0
5, 12 di-Ac (SEQ ID NO:7)	822	585
8, 16 di-Ac (SEQ ID NO:8)	884	1296
8, 12, 16 tri-Ac (SEQ ID NO:9)	1485	1436
5, 8, 12, 16 tetra-Ac (SEQ ID NO:1)	1408	1443
non-acetylated (SEQ ID NO:2)	0	0
Unrelated peptides		
tri-Ac (SEQ ID NO:10)	935	0
mono-Ac (SEQ ID NO:11)	742	0

Figure 2

ELISA analysis at different concentrations of Antibody:	OD values	
	T52	T25
	1/10 µg/ml	1/5 µg/ml
8 mono-Ac (SEQ ID NO:4)	398/914	1460/1446
12 mono-Ac (SEQ ID NO:5)	705/1070	522/933
16 mono-Ac (SEQ ID NO:6)	40/200	002/55
5, 12 di-Ac (SEQ ID NO:7)	624/986	514/868
8, 16 di-Ac (SEQ ID NO:8)	565/1097	1255/1260
8, 12, 16 tri-Ac (SEQ ID NO:9)	1288/1506	1372/1276
5, 8, 12, 16 tetra-Ac (SEQ ID NO:1)	1183/1439	1383/1324
not-Ac (SEQ ID NO:2)	0/0	007/48

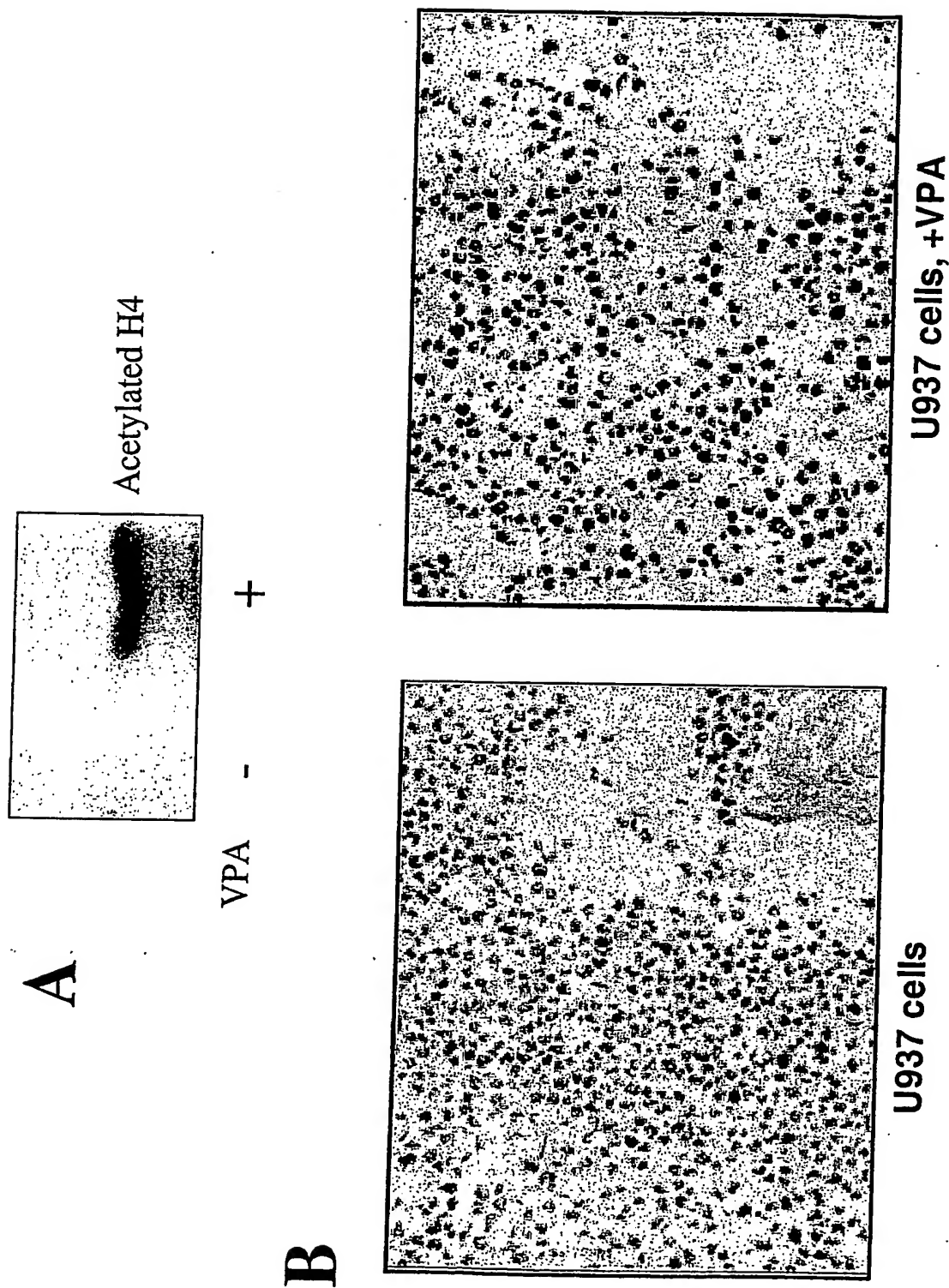
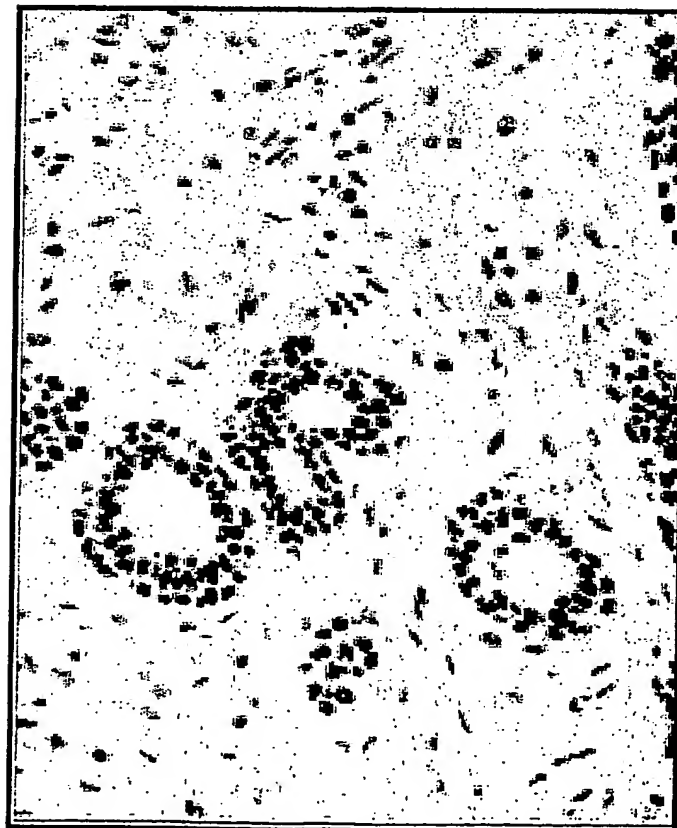
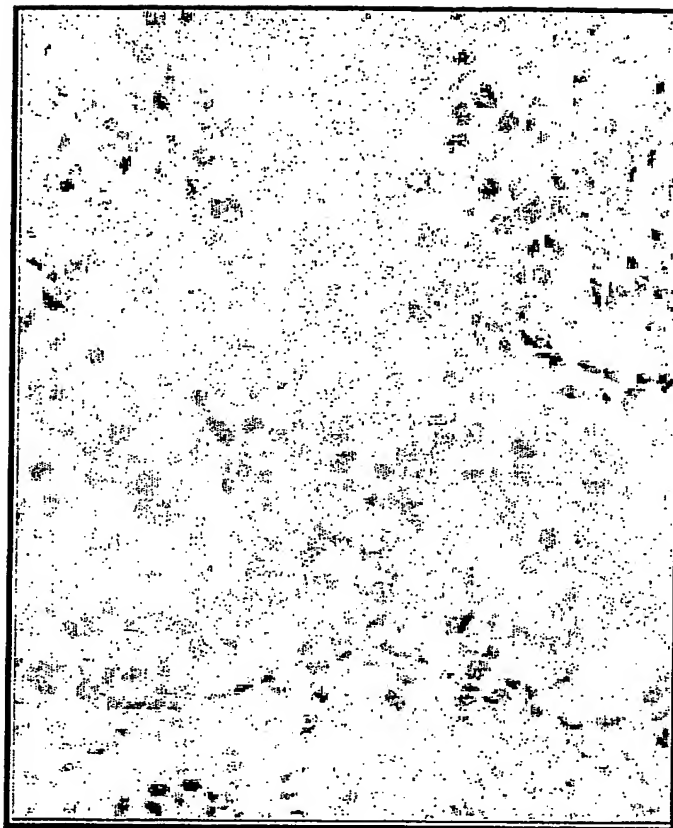


Figure 3

Breast Cancer



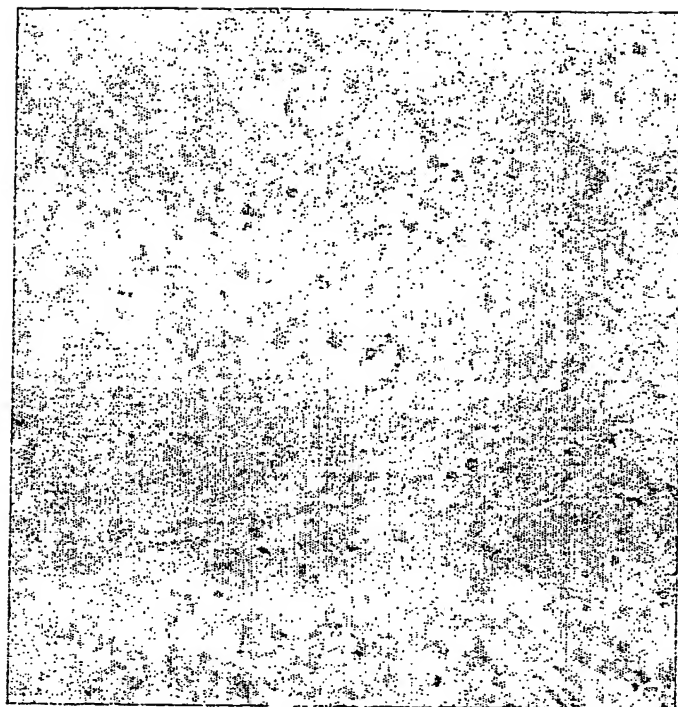
Normal Breast



Breast Cancer

Figure 4

Colon Cancer

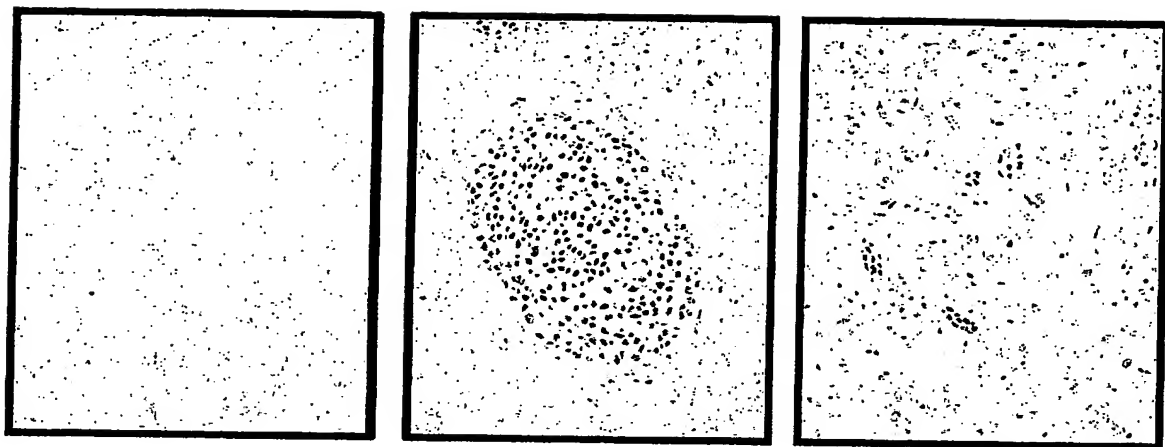


Colon Cancer



Normal Colon

Figure 5



Class A
51%

Class B
31%

Class C
18%

Figure 6

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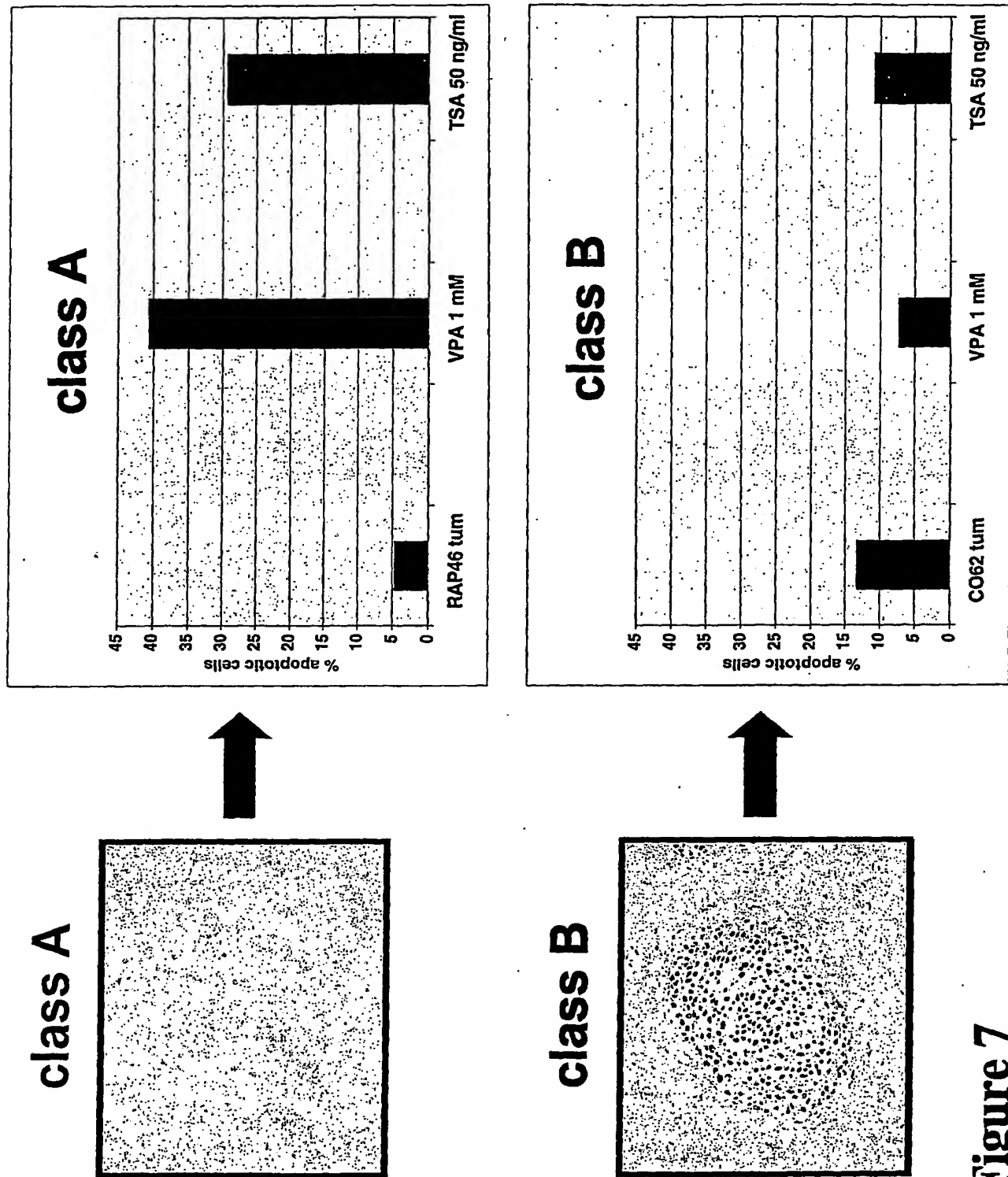


Figure 7

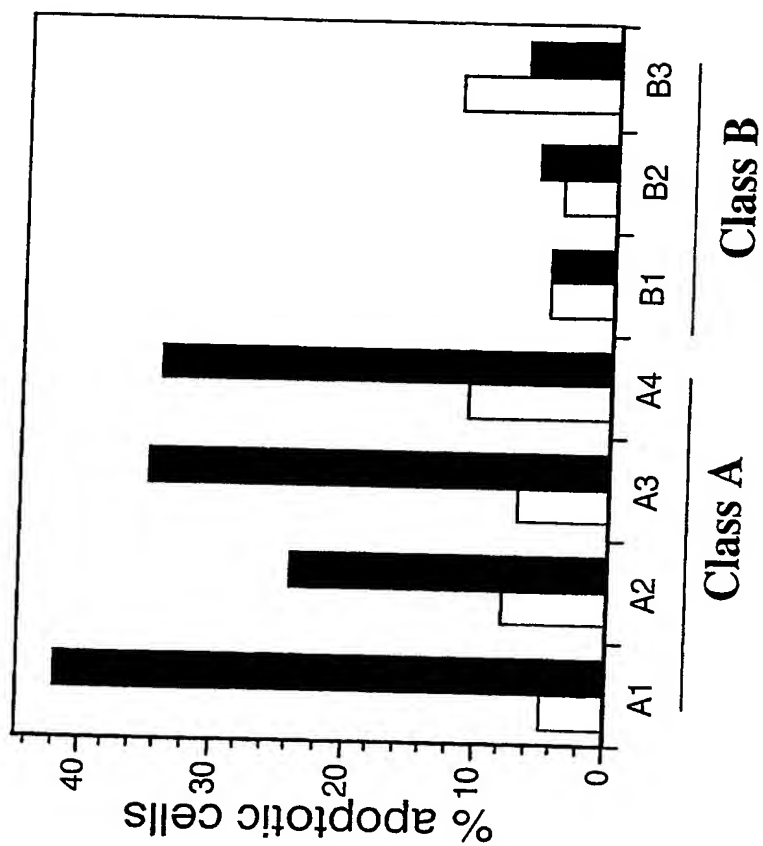


Figure 8

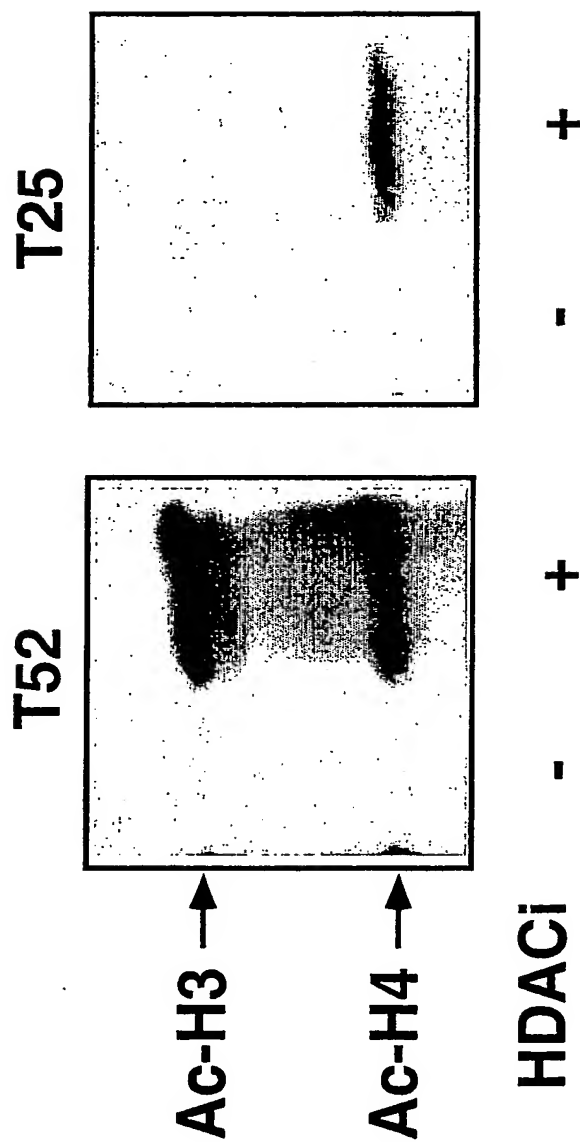
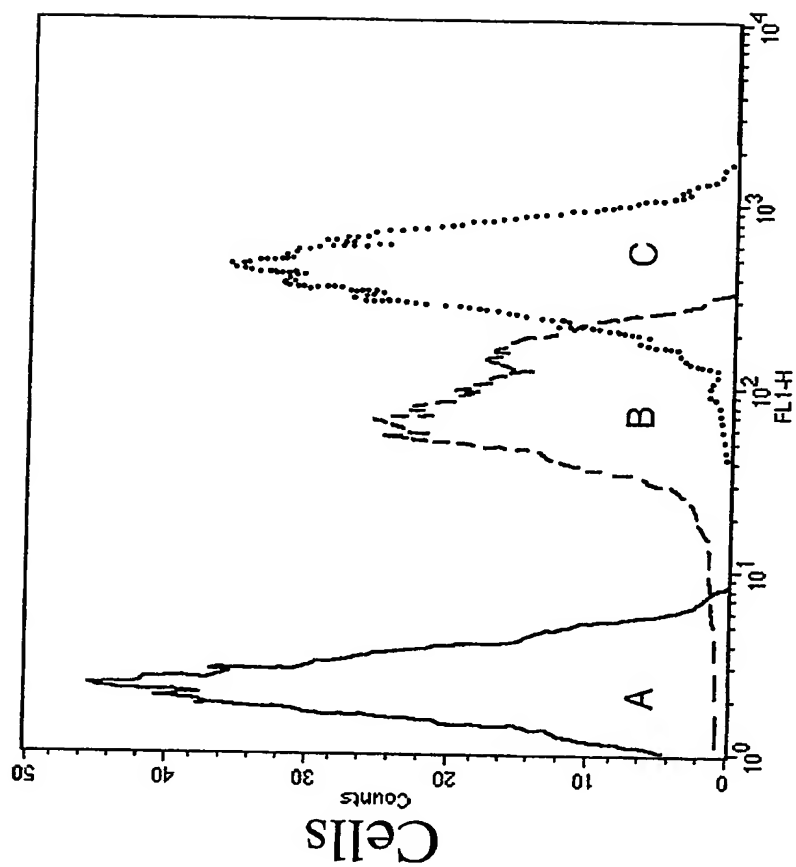


Figure 9

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10/529799



Histone acetylation levels

A
B
C

Figure 10

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10/529792

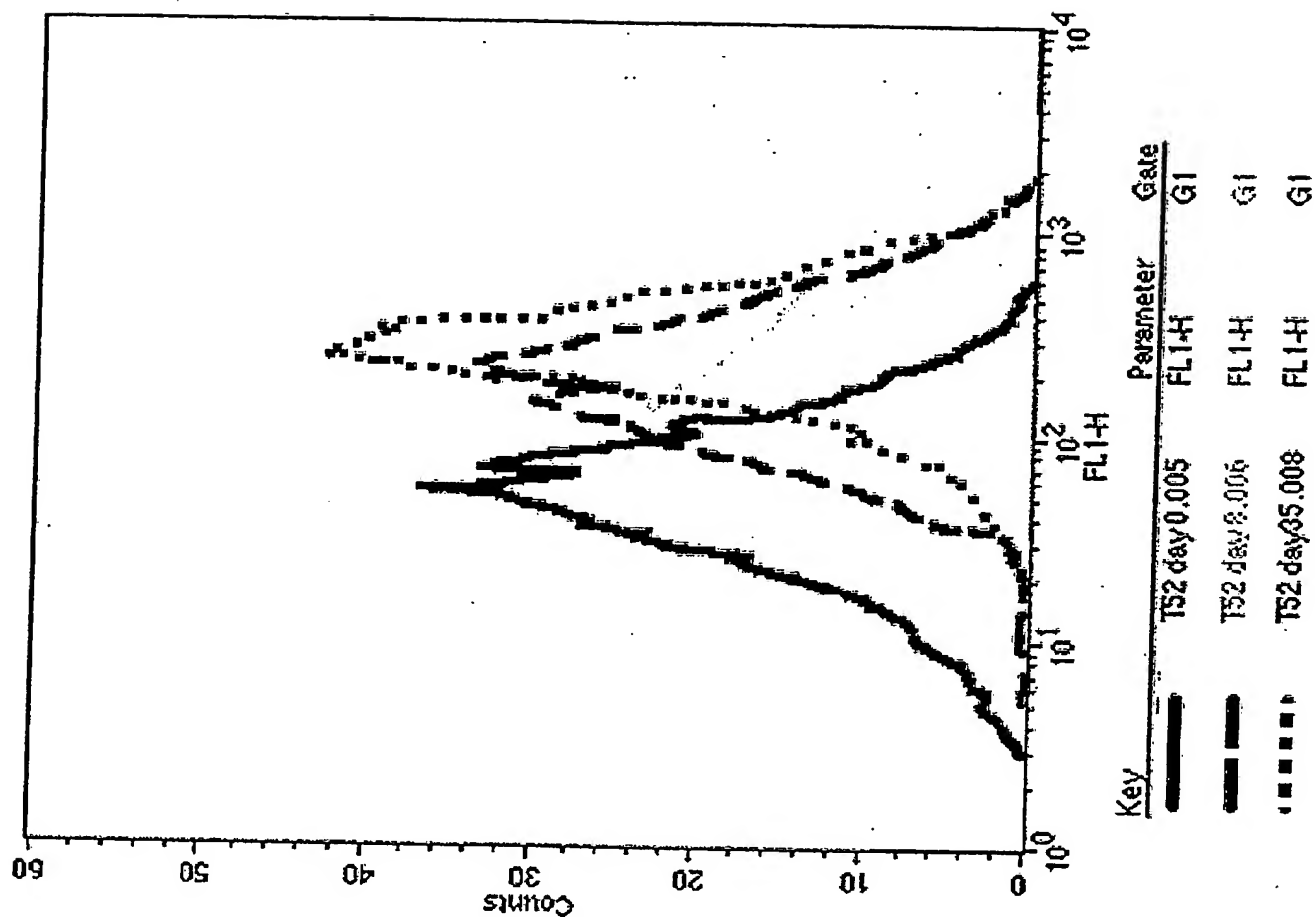


Figure 11

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100529792

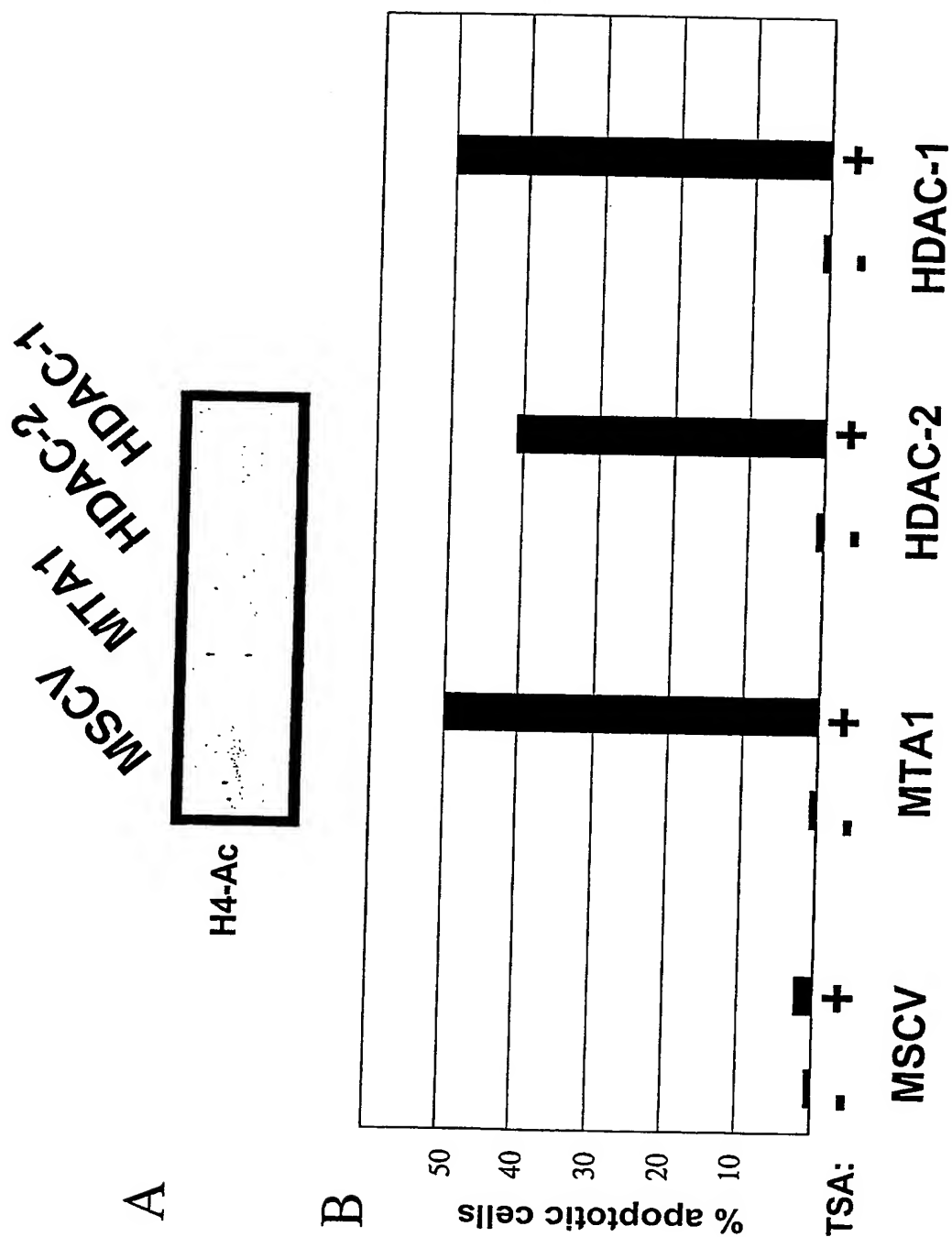


Figure 12

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